



NITFS Compliance Registration



Product: ELT/5500
Sponsor: Overwatch System Boston Operations
Developer: Overwatch System Boston Operations

Date: 30 Nov 2009
Expiration: 29 Nov 2011
Registration #: 2074

NITFS Features Implemented:

☐ **System,** N-0105/98, §4.1.1

☒ **Product,** N-0105/98, §4.1.2

☐ **Component,** N-0105/98, §4.1.3

☐ Initial Registration

☒ Supplemental/Update #

☐ Derived from Reg. #

Complexity Level

NITF 2.1 CLEVEL							
	3	5	6	7			
Interpretable							
Generatable							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Other
Interpretable							
Generatable							

Configurations Tested:

-Windows XP 32-bit
-Windows XP 64-bit

Format

NITF

● 2.1
● 2.0
● 1.1

NSIF

● 1.0

Annotation Segment

Types

● Bit Mapped **
● CGM 2301, Function
● CGM 2301, Description
● CGM 2301A, Function*

Text Segments

● Caption*
● Labels**
● U8S*
● MTF

Image Segment Non-Compressed

● MONO, 1 Band
● RGB, 3 Bands
● RGB/LUT, 1 Band
● MULTI, Multiband
● NODISPLAY, 1 to Multiband Mask

Image Segment Compressed

● JPEG DCT

● 1 Band
● 3 Band
● Multiband
● Mask

● JPEG Lossless

● JPEG Downsample

● JPEG 2000*

● Code Stream w/o JP2
● Code Stream w/JP2
● 1 Band
● 3 Band RGB
● 1 Band RGB/LUT
● Multiband
● Mask

● Bi-Level

● Mask

● Vector Quantization

● Mask

Data Extension Segments

● TRE_OVERFLOW*
● STREAMING_FILE_HEADER*
● Controlled Extensions**
● Registered Extensions**

Tagged Record Extensions

● ASDE
● CSDE
● DIGEST GeoSDE
● NCDRD
● PIAE
● RPF
● IOMAPA
● ICHIPB
● BANDSB
● HISTOA
● J2KLRA
● NBLOCA

Legend

Inter Gen
● Fully implemented
● Partially implemented
○ Not implemented

** NITF 2.0 feature

* NITF 2.1 feature

VALERIE BAKER, Lt Col, USAF, Division Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
a product for the intended use. Optional NITFS features may not be implemented.